

From: [Coleman, Sam](#)
To: [Smith, Monica](#); [Gray, David](#)
Cc: [Crossland, Ronnie](#); [Edlund, Carl](#); [Carroll, Craig](#); [R6HarveyREOC](#)
Subject: RE: EPA Response to Arkema
Date: Thursday, August 31, 2017 8:37:00 AM

MSDS for these materials?
Public impacts?
Samuel Coleman, P.E.
Deputy Regional Administrator
EPA Region 6
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214.665.2100 Ofc
214.665.3110 Direct
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From: Smith, Monica
Sent: Thursday, August 31, 2017 8:25 AM
To: Coleman, Sam ; Gray, David
Cc: Crossland, Ronnie ; Edlund, Carl ; Carroll, Craig ; R6HarveyREOC
Subject: RE: EPA Response to Arkema
Roberto Bernier -FOSC and 2 START. We are mobilizing 4 additional OSCs into Houston today.

From: Coleman, Sam
Sent: Thursday, August 31, 2017 8:20 AM
To: Smith, Monica <smith.monica@epa.gov>; Gray, David <gray.david@epa.gov>
Cc: Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Edlund, Carl <Edlund.Carl@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; R6HarveyREOC <R6HarveyREOC@epa.gov>
Subject: RE: EPA Response to Arkema
Who and How many people will be there today?
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From: Smith, Monica
Sent: Thursday, August 31, 2017 8:13 AM
To: Gray, David <gray.david@epa.gov>; Coleman, Sam <Coleman.Sam@epa.gov>
Cc: Smith, Monica <smith.monica@epa.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Edlund, Carl <Edlund.Carl@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>; R6HarveyREOC <R6HarveyREOC@epa.gov>
Subject: EPA Response to Arkema
The Arkema facility response is currently addressing nine (9) containers that have been loaded with 38,000 pounds of organic peroxide that needs refrigeration. Also, there is a warehouse with approximately 1,000,000 lbs of a different peroxide that does not need refrigeration. The Region 6

aerial reconnaissance plane conducted monitoring for a plume at the release site at 7:30 am CST. The aircraft is capable of measuring 78 different chemicals, including peroxides. This data will be available to unified command for release assessment. In addition, an EPA On-Scene Coordinator (OSC) and Technical Assistance Contract Team are meeting up with the Harris County Hazardous Material Team at the site and will integrate into unified command at the scene. The EPA Team will conduct air monitoring for peroxide and sulfur dioxide.

The peroxide in the containers is too unstable for entry into the plant. The EPA team will not be able to access the site until all 9 containers have exploded and floodwaters have receded. This is expected to occur over the next several days. Once the remaining 8 containers have exploded, the EPA Team will monitor the air at the site to determine when contaminant levels in the air have dropped to acceptable levels for first responders to initiate entry and assessment activities in and around the plant. Assessment of safety will include measurement of contaminant levels in soil and spills and the integrity of the warehouse. The Team will remain in Unified Command around the clock until such time as the situation is stabilized and local authorities determine the facility no longer poses a threat to the surrounding community and can be reopened.

Monica Smith

US EPA Region 6

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